## Simon Easteal

List of Publications by Year in descending order

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74163 76326 6,306 134 40 75 citations h-index g-index papers 144 144 144 8421 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	ACTN3 Genotype Is Associated with Human Elite Athletic Performance. American Journal of Human Genetics, 2003, 73, 627-631.	6.2	708
2	Identification, Characterization, and Crystal Structure of the Omega Class Glutathione Transferases. Journal of Biological Chemistry, 2000, 275, 24798-24806.	3.4	625
3	A common nonsense mutation results in $\hat{l}_{\pm}$ -actinin-3 deficiency in the general population. Nature Genetics, 1999, 21, 353-354.	21.4	378
4	Loss of ACTN3 gene function alters mouse muscle metabolism and shows evidence of positive selection in humans. Nature Genetics, 2007, 39, 1261-1265.	21.4	278
5	A Population-Based Study of Attention Deficit/Hyperactivity Disorder Symptoms and Associated Impairment in Middle-Aged Adults. PLoS ONE, 2012, 7, e31500.	2.5	201
6	Cohort Profile: The PATH through life project. International Journal of Epidemiology, 2012, 41, 951-960.	1.9	195
7	Adaptive evolution of the tumour suppressor BRCA1 in humans and chimpanzees. Nature Genetics, 2000, 25, 410-413.	21.4	153
8	APOE genotype and cognitive functioning in a large age-stratified population sample Neuropsychology, 2007, 21, 1-8.	1.3	143
9	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. American Journal of Clinical Nutrition, 2018, 108, 453-475.	4.7	137
10	The history of introductions of Bufo marinus (Amphibia: Anura); a natural experiment in evolution. Biological Journal of the Linnean Society, 1981, 16, 93-113.	1.6	126
11	Mind the Gaps: Evidence of Bias in Estimates of Multiple Sequence Alignments. Molecular Biology and Evolution, 2007, 24, 2433-2442.	8.9	108
12	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. Neuropsychologia, 2007, 45, 1911-1920.	1.6	103
13	Association of smoking and personality with a polymorphism of the dopamine transporter gene: Results from a community survey. American Journal of Medical Genetics Part A, 2000, 96, 331-334.	2.4	101
14	Sex differences in the causes and consequences of white matter hyperintensities. Neurobiology of Aging, 2009, 30, 946-956.	3.1	91
15	Departure from Neutrality at the Mitochondrial NADH Dehydrogenase Subunit 2 Gene in Humans, but Not in Chimpanzees. Genetics, 1998, 148, 409-421.	2.9	78
16	Number of SNPS Loci Needed to Detect Population Structure. Human Heredity, 2003, 55, 37-45.	0.8	74
17	Risk Factors of Transition from Normal Cognition to Mild Cognitive Disorder: The PATH through Life Study. Dementia and Geriatric Cognitive Disorders, 2009, 28, 47-55.	1.5	73
18	Accelerated Evolution of Cytochrome b in Simian Primates: Adaptive Evolution in Concert with Other Mitochondrial Proteins?. Journal of Molecular Evolution, 1998, 47, 249-257.	1.8	71

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19	Molecular evidence for the early divergence of placental mammals. BioEssays, 1999, 21, 1052-1058.	2.5	71
20	Serotonin transporter polymorphisms and clinical response to sertraline across ethnicities. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 953-957.	4.8	69
21	Evolution of HLA Class II Molecules: Allelic and Amino Acid Site Variability Across Populations. Genetics, 1999, 152, 393-400.	2.9	69
22	Change in cognitive functioning associated with ApoE genotype in a community sample of older adults Psychology and Aging, 2002, 17, 194-208.	1.6	68
23	The Hemochromatosis 845 Gâ†'A and 187 Câ†'G Mutations: Prevalence in Non-Caucasian Populations. American Journal of Human Genetics, 1998, 62, 1403-1407.	6.2	65
24	Lifetime cigarette smoking is associated with striatal volume measures. Addiction Biology, 2012, 17, 817-825.	2.6	65
25	AVPR1A andOXTR polymorphisms are associated with sexual and reproductive behavioral phenotypes in humans. Human Mutation, 2007, 28, 1150-1150.	2.5	63
26	Hippocampal Atrophy Is Associated with Subjective Memory Decline: The PATH Through Life Study. American Journal of Geriatric Psychiatry, 2015, 23, 446-455.	1.2	56
27	Expansion of the Range of the Introduced Toad Bufo marinus in Australia from 1935 to 1974. Copeia, 1981, 1981, 676.	1.3	53
28	The association of APOE genotype and cognitive decline in interaction with risk factors in a 65–69 year old community sample. BMC Geriatrics, 2008, 8, 14.	2.7	53
29	A sensitive and efficient isoenzyme technique for small arthropods and other invertebrates. Bulletin of Entomological Research, 1987, 77, 407-415.	1.0	50
30	Total and Regional Gray Matter Volume Is Not Related to APOE*E4 Status in a Community Sample of Middle-Aged Individuals. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 501-504.	3.6	50
31	APOE Genotype and Cognitive Change in Young, Middle-Aged, and Older Adults Living in the Community. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 379-386.	3.6	49
32	Association of genetic risk factors with cognitive decline: the PATH through life project. Neurobiology of Aging, 2016, 41, 150-158.	3.1	48
33	Determination of a common genetic variant of luteinizing hormone using DNA hybridization and immunoassays. Clinical Endocrinology, 1998, 49, 369-376.	2.4	47
34	Attention Deficit/Hyperactivity Disorder Symptoms and Cognitive Abilities in the Late-Life Cohort of the PATH through Life Study. PLoS ONE, 2014, 9, e86552.	2.5	46
35	Rates of Genome Evolution and Branching Order from Whole Genome Analysis. Molecular Biology and Evolution, 2007, 24, 1722-1730.	8.9	45
36	No evidence for interaction between <i>MAOA</i> and childhood adversity for antisocial behavior. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 228-232.	1.7	45

3

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37	How Important Is DNA Replication for Mutagenesis?. Molecular Biology and Evolution, 2000, 17, 929-937.	8.9	44
38	Attitudes and Practices of Doctors toward Spouse Assault Victims: An Australian Study. Violence and Victims, 1992, 7, 217-228.	0.7	44
39	Molecular Relationships Within Australasian Waterfowl (Anseriformes). Australian Journal of Zoology, 1996, 44, 47.	1.0	42
40	Molecular evidence from the nuclear genome for the time frame of human evolution. Journal of Molecular Evolution, 1997, 44, S121-S132.	1.8	42
41	The emerging role of pharmacogenetics: implications for clinical psychiatry. Australian and New Zealand Journal of Psychiatry, 2004, 38, 483-489.	2.3	42
42	No Associations Between Telomere Length and Age-Sensitive Indicators of Physical Function in Mid and Later Life. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 792-799.	3.6	41
43	Long-Term Cognitive Correlates of Traumatic Brain Injury across Adulthood and Interactions with <i>APOE</i> Genotype, Sex, and Age Cohorts. Journal of the International Neuropsychological Society, 2014, 20, 444-454.	1.8	41
44	Estimates of the Effect of Natural Selection on Protein-Coding Content. Molecular Biology and Evolution, 2010, 27, 726-734.	8.9	40
45	Characterizing mild cognitive disorders in the youngâ€old over 8 years: Prevalence, estimated incidence, stability of diagnosis, and impact on IADLs. Alzheimer's and Dementia, 2013, 9, 640-648.	0.8	40
46	The human melanocortin-1 receptor locus: analysis of transcription unit, locus polymorphism and haplotype evolution. Gene, 2001, 281, 81-94.	2.2	38
47	Association of polymorphisms of the estrogen receptor gene with anxiety-related traits in children and adolescents: A longitudinal study. American Journal of Medical Genetics Part A, 2002, 114, 169-176.	2.4	38
48	Association analysis of 15 polymorphisms within 10 candidate genes for antisocial behavioural traits. Psychiatric Genetics, 2007, 17, 299-303.	1.1	38
49	Does possession of apolipoprotein E É>4 benefit cognitive function in healthy young adults?. Neuropsychologia, 2011, 49, 1693-1697.	1.6	36
50	TrExML: a maximum-likelihood approach for extensive tree-space exploration. Bioinformatics, 2000, 16, 383-394.	4.1	36
51	Evolutionary Rate Acceleration of Cytochrome c Oxidase Subunit I in Simian Primates. Journal of Molecular Evolution, 2000, 50, 562-568.	1.8	35
52	HLA-DP typing by amplified fragment length polymorphisms (AFLPs). Immunogenetics, 1990, 32, 56-59.	2.4	33
53	Cognitive performance and leukocyte telomere length in two narrow age-range cohorts: a population study. BMC Geriatrics, 2010, 10, 62.	2.7	33
54	THE ECOLOGICAL GENETICS OF INTRODUCED POPULATIONS OF THE GIANT TOAD <i>BUFO MARINUS</i> .II. EFFECTIVE POPULATION SIZE. Genetics, 1985, 110, 107-122.	2.9	33

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55	Continuing Geographical Spread of Bufo marinus in Australia: Range Expansion between 1974 and 1980. Journal of Herpetology, 1985, 19, 185.	0.5	32
56	DRD4-exonIII-VNTR Moderates the Effect of Childhood Adversities on Emotional Resilience in Young-Adults. PLoS ONE, 2011, 6, e20177.	2.5	31
57	A call for global action for rare diseases in Africa. Nature Genetics, 2020, 52, 21-26.	21.4	31
58	ADGRL3 (LPHN3) variants predict substance use disorder. Translational Psychiatry, 2019, 9, 42.	4.8	29
59	The ecological genetics of introduced populations of the giant toad, Bufo marinus (Amphibia: Anura): dispersal and neighbourhood size. Biological Journal of the Linnean Society, 1986, 27, 17-45.	1.6	28
60	An <sup>1</sup> Hâ€MRS framework predicts the onset of Alzheimer's disease symptoms in <i>PSEN1</i> mutation carriers. Alzheimer's and Dementia, 2014, 10, 552-561.	0.8	26
61	Validating the role of the Australian National University Alzheimer's Disease Risk Index (ANU-ADRI) and a genetic risk score in progression to cognitive impairment in a population-based cohort of older adults followed for 12 years. Alzheimer's Research and Therapy, 2017, 9, 16.	6.2	26
62	Patterns of reticulate evolution for the classical class I and II HLA loci. Immunogenetics, 1998, 48, 312-323.	2.4	25
63	No association between the serotonin-1A receptor gene single nucleotide polymorphism rs6295C/G and symptoms of anxiety or depression, and no interaction between the polymorphism and environmental stressors of childhood anxiety or recent stressful life events on anxiety or depression. Psychiatric Genetics. 2010. 20. 8-13.	1.1	25
64	Interactive Effect of APOE Genotype and Blood Pressure on Cognitive Decline: The PATH Through Life Study. Journal of Alzheimer's Disease, 2015, 44, 1087-1098.	2.6	25
65	A Mutation in <i>DAOA</i> Modifies the Age of Onset in <i>PSEN1</i> E280A Alzheimer's Disease. Neural Plasticity, 2016, 2016, 1-7.	2.2	25
66	Barriers and Considerations for Diagnosing Rare Diseases in Indigenous Populations. Frontiers in Pediatrics, 2020, 8, 579924.	1.9	25
67	Association of a polymorphism of the dopamine transporter gene with externalizing behavior problems and associated temperament traits: A longitudinal study from infancy to the mid-teens. American Journal of Medical Genetics Part A, 2001, 105, 346-350.	2.4	24
68	Late Onset Alzheimer's Disease Risk Variants in Cognitive Decline: The PATH Through Life Study. Journal of Alzheimer's Disease, 2017, 57, 423-436.	2.6	24
69	Equitable Expanded Carrier Screening Needs Indigenous Clinical and Population Genomic Data. American Journal of Human Genetics, 2020, 107, 175-182.	6.2	24
70	APOE ε4 and the Influence of Sex, Age, Vascular Risk Factors, and Ethnicity on Cognitive Decline. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1863-1873.	3.6	23
71	Evolution of human $\hat{l}\pm 1$ -acid glycoprotein genes and surrounding Alu repeats. Genomics, 1990, 6, 659-665.	2.9	22
72	Effect of model choice in genetic association studies: DRD4 exon III VNTR and cigarette use in young adults. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 346-351.	1.7	22

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73	APOE Genotype and Entorhinal Cortex Volume in Non-Demented Community-Dwelling Adults in Midlife and Early Old Age. Journal of Alzheimer's Disease, 2012, 30, 935-942.	2.6	22
74	Change in cognitive functioning associated with apoE genotype in a community sample of older adults. Psychology and Aging, 2002, 17, 194-208.	1.6	22
75	The Ecological Genetics of Introduced Populations of the Giant Toad, Bufo marinus. III. Geographical Patterns of Variation. Evolution; International Journal of Organic Evolution, 1985, 39, 1065.	2.3	21
76	Lack of association of a single-nucleotide polymorphism of the ?-opioid receptor gene with anxiety-related traits: Results from a cross-sectional study of adults and a longitudinal study of children. American Journal of Medical Genetics Part A, 2002, 114, 659-664.	2.4	20
77	Cognitive ability, intraindividual variability, and common genetic variants of catechol-O-methyltransferase and brain-derived neurotrophic factor: A longitudinal study in a population-based sample of older adults Psychology and Aging, 2014, 29, 393-403.	1.6	20
78	Mutations modifying sporadic Alzheimer's disease age of onset. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 1116-1130.	1.7	20
79	HLAâ€DP, â€DQ and â€DR RFLP types in South Indian insulinâ€dependent diabetes mellitus patients. Tissue Antigens, 1990, 35, 71-74.	1.0	19
80	Self-Reported Cognitive Decline on the Informant Questionnaire on Cognitive Decline in the Elderly Is Associated with Dementia, Instrumental Activities of Daily Living and Depression but Not Longitudinal Cognitive Change. Dementia and Geriatric Cognitive Disorders, 2012, 34, 282-291.	1.5	16
81	Predicting the presence of hepatitis B virus surface antigen in Chinese patients by pathology data mining. Journal of Medical Virology, 2013, 85, 1334-1339.	5.0	16
82	Renin-Angiotensin System Genetic Polymorphisms and Brain White Matter Lesions in Older Australians. American Journal of Hypertension, 2014, 27, 1191-1198.	2.0	15
83	Indigenous Genetics and Rare Diseases: Harmony, Diversity and Equity. Advances in Experimental Medicine and Biology, 2017, 1031, 511-520.	1.6	15
84	The ecological genetics of introduced populations of the Giant Toad, Bufo marinus. IV. Gene flow estimated from admixture in Australian populations. Heredity, 1986, 56, 145-156.	2.6	13
85	Range Expansion and Its Genetic Consequences in Populations of the Giant Toad, Bufo marinus. , 1988, , 49-84.		13
86	ADHD Symptoms and Cognitive Abilities in the Midlife Cohort of the PATH Through Life Study. Journal of Attention Disorders, 2015, 19, 414-424.	2.6	13
87	Associations between corpus callosum size and ADHD symptoms in older adults: The PATH through life study. Psychiatry Research - Neuroimaging, 2016, 256, 8-14.	1.8	13
88	PACIFIC: a lightweight deep-learning classifier of SARS-CoV-2 and co-infecting RNA viruses. Scientific Reports, 2021, 11, 3209.	3.3	12
89	Nucleotide sequence of a novel HLA-DPB1 allele. Immunogenetics, 1992, 36, 341-3.	2.4	10
90	A new HLA-DPB1 allele from Santa Cruz Island, Solomon Islands. Immunogenetics, 1993, 38, 78-78.	2.4	10

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91	Regional Brain Volumes and ADHD Symptoms in Middle-Aged Adults: The PATH Through Life Study. Journal of Attention Disorders, 2017, 21, 1073-1086.	2.6	10
92	Mitochondrial pathway polygenic risk scores are associated with Alzheimer's Disease. Neurobiology of Aging, 2021, 108, 213-222.	3.1	10
93	The effects of genetic drift during range expansion on geographical patterns of variation: a computer simulation of the colonization of Australia by Bufo marinus. Biological Journal of the Linnean Society, 1989, 37, 281-295.	1.6	9
94	RFLP-defined HLA-DP polymorphism in four ethnic groups. Human Immunology, 1989, 25, 169-179.	2.4	9
95	Problems and paradigms: A mammalian molecular clock?. BioEssays, 1992, 14, 415-419.	2.5	9
96	Genotyping microsatellites in next-generation sequencing data. BMC Bioinformatics, 2015, $16$ , .	2.6	9
97	A globally diverse reference alignment and panel for imputation of mitochondrial DNA variants. BMC Bioinformatics, 2021, 22, 417.	2.6	9
98	Two new HLA-DPB1 alleles from Java, Indonesia. Immunogenetics, 1993, 37, 478.	2.4	8
99	Multivariate Patterns of Genetic Differentiation Support Complex Colonization Schemes in Bufo marinus Populations. Evolution; International Journal of Organic Evolution, 1996, 50, 944.	2.3	8
100	Apolipoprotein E Genotype and Temperament. Psychosomatic Medicine, 2003, 65, 662-664.	2.0	8
101	The Emerging Role of Pharmacogenetics: Implications for Clinical Psychiatry. Australian and New Zealand Journal of Psychiatry, 2004, 38, 483-489.	2.3	8
102	Albumin ? vitamin D-binding protein haplotypes in Asian-Pacific populations. Human Genetics, 1990, 85, 89-97.	3.8	7
103	Targeting Neuroplasticity, Cardiovascular, and Cognitive-Associated Genomic Variants in Familial Alzheimer's Disease. Molecular Neurobiology, 2019, 56, 3235-3243.	4.0	7
104	Cohort Profile Update: The PATH Through Life Project. International Journal of Epidemiology, 2021, 50, 35-36.	1.9	7
105	The dynamic upper limit of human lifespan. F1000Research, 2017, 6, 569.	1.6	7
106	Lake Mungo 3: A response to recent critiques. Archaeology in Oceania, 2001, 36, 170-174.	0.7	6
107	A second new HLA-DPB1 allele from Santa Cruz Island, Solomon Islands. Immunogenetics, 1993, 38, 79-79.	2.4	5
108	The dynamic upper limit of human lifespan. F1000Research, 2017, 6, 569.	1.6	5

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109	NCIG – National Centre for Indigenous Genomics. Impact, 2018, 2018, 72-74.	0.1	5
110	Characterization of simple sequence repeat variants linked to candidate genes for behavioral phenotypes. Human Mutation, 2006, 27, 120-120.	2.5	4
111	A single-step assay for the Gerbich-negative allele of glycophorin C. Blood Cells, Molecules, and Diseases, 2008, 41, 1-4.	1.4	4
112	Cognitive Diversity and Moral Enhancement. Cambridge Quarterly of Healthcare Ethics, 2015, 24, 66-74.	0.8	4
113	Retrospective assessment of childhood ADHD symptoms for diagnosis in adults: validity of a short 8-item version of the Wender-Utah Rating Scale. ADHD Attention Deficit and Hyperactivity Disorders, 2016, 8, 215-223.	1.7	4
114	Peptides: two-faced, cheating go-betweens? Limits in the cellular immune system. Immunogenetics, 1997, 46, 516-519.	2.4	3
115	Beyond platitudes: a qualitative study of Australian Aboriginal people's perspectives on biobanking. Internal Medicine Journal, 2021, 51, 1426-1432.	0.8	3
116	A New Metric of Inclusive Fitness Predicts the Human Mortality Profile. PLoS ONE, 2015, 10, e0117019.	2.5	3
117	THE ECOLOGICAL GENETICS OF INTRODUCED POPULATIONS OF THE GIANT TOAD, <i>BUFO MARINUS </i> GEOGRAPHICAL PATTERNS OF VARIATION. Evolution; International Journal of Organic Evolution, 1985, 39, 1065-1075.	2.3	2
118	Renin locus restriction fragment length polymorphism. Human Genetics, 1989, 82, 302-302.	3.8	2
119	Xenotransplantation and the capybara. Lancet, The, 1994, 343, 742.	13.7	2
120	MULTIVARIATE PATTERNS OF GENETIC DIFFERENTIATION SUPPORT COMPLEX COLONIZATION SCHEMES IN <i>BUFO MARINUS</i> POPULATIONS. Evolution; International Journal of Organic Evolution, 1996, 50, 944-951.	2.3	2
121	Molecular genetics and the epidemiology of common mental disorders: new opportunities. Epidemiologia E Psichiatria Sociale, 1997, 6, 167-172.	0.9	2
122	Concrete helix recalls smallpox win. Nature, 2010, 468, 173-173.	27.8	2
123	The Practice of Engaging Aboriginal and Torres Strait Islander Communities in Genome Research. Advances in Research Ethics and Integrity, 2020, , 109-123.	0.2	2
124	Disciplining molecular evolution. Trends in Ecology and Evolution, 1998, 13, 336.	8.7	1
125	HLA-A and CTGB33 polymorphisms and variation in IQ scores. Personality and Individual Differences, 1999, 26, 795-799.	2.9	1
126	Reproductive success is predicted by social dynamics and kinship in managed animal populations. F1000Research, 2016, 5, 870.	1.6	1

## SIMON EASTEAL

#	Article	IF	CITATIONS
127	Homology model structures for five phylogenetically distinct HLA-A class I alleles. Human Immunology, 1996, 47, 126.	2.4	0
128	Correlating patterns in alignments of polymorphic sequences with experimental assays. Bioinformatics, 1997, 13, 13-22.	4.1	0
129	Reply to Benton. BioEssays, 1999, 21, 1060-1060.	2.5	0
130	Editor's Report for June 2000–May 2001. Molecular Biology and Evolution, 2001, 18, 2331-2332.	8.9	0
131	Editor's Report for June 2001â€"May 2002. Molecular Biology and Evolution, 2002, 19, 2353-2354.	8.9	0
132	Conversion to mild cognitive impairment: Predictors in a large longitudinal study of ageing., 2009, 5, e3-e3.		0
133	P1-018: Association of Alzheimer's genetic risk factors with cognitive decline: The path through life project., 2015, 11, P343-P343.		0
134	Cross validation of pooling/resampling GWAS using the WTCCC data. Molecular Biology and Genetic Engineering, 2015, $3,1.$	0.8	0